

1 MFIFLLFLTLTSGSDLDRCTTFDDVQAPNYTQHTSSMRGVYPDEIFRSD  
51 TLYLTQDLFLPFYSNVTGFHTINHTFGNPVIPFKDGIYFAATEKSNVVRG  
101 WVFGSTMNNKSQS VII INNSTNVVIRACNFELCDNPFFAVSKPMGTQTHT  
151 MIFDNAFNCTFEYISDAFSLDVSEKSGNFKHLREFVFKNKDGFLYVYKGY  
201 QPIDVVRLPLSGFNTLKPIFKLPLGINITNFRAILTAFSPAQDIWGTSA  
251 AYFVGYLKPTTFMLKYDENGTITDAVDCSQNPLAELKCSVKSFEIDKG  
301 QTTSNFRVVPSGDVVRFPNITNLCPFGEVFNATKFPSVYAWERKKISNCVA  
351 DYSVLYNSTFFSTFKCYGVSATKLNDLCFSNVYADSFVVKGDEVROQIAPG  
401 QTGVIADYNKLPDDFMGCVLAWNTRNIDATSTGNYYKYRYLRHGKL  
451 FERDISNVPFSPDGKPCTPPALNCYWPLNDYGFYTTGIGYQPYRVV  
501 FELLNAPATVCGPLSTDLIKNCVNFNGLTGTGVLT  
551 FGRDVSDFTDSVRDPKTSEILDISPCAFGGSVITPGTNASSE  
601 VNCTDVSTAIHADQLTPAWRIYSTGNNVFQTQAGCLIGAEHV  
651 PIGAGICASYHTVSLLRSTSQKSIVAYTMSLGADSSIAYS  
701 SISITTEVMPVSMAKTSVDCNMYICGDSTE  
751 GIAAEQDRNTREVFAQVKQMYKTP  
801 EDLLFNKVTLADAGFMKQYGECLGDINARDLICAQKFNG  
851 MIAAYTAALVSGTATAGWTGAGAALQIPFAMQMAYRFNG  
901 NQKQIANQFNKAISQIQESLTTSTALGKLQDVVNQNAQALNTLV  
951 NFGAISSVLDILSRLDKVEAEVQIDRLITGRLQSLQTYVT  
1001 RASANLAATKMSECVLGQSKRVD<sup>FCGKGYHLM</sup>SFPQAAPHGVFLHVTYV  
1051 PSQERNFTTAPACHEGKAYFPREGVFVNGTSWFITQRNFFSPQIITTD  
1101 NTFVSGNCVVIGIINNTVYDPLQPELDSFKEELDKYFKNHTSPDVLGD  
1151 IISGINASVVNIQKEIDRLNEVAKNLNESLIDLQELGKYEQYIKWPWYVWL  
1201 GFIAGLIAIVMVTILLCCMTSCCSCLKGACSCGSCCKFD  
1251 KLHYT

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SARS-HR2      a' d' a' d' a' d' a' d' a' d'  
ISGINASVVNIQKEIDRLNEVAKNLNESLIDLQEL (SEQ ID NO:4)  
f b f b f b f b f b  
GCN4            RMKQLEDKVEELLSKNYHLENEVARLKKLVGER (SEQ ID NO:5)

(Cys)HR2G Ac-CGGIMKINEDVVEIQLSINYLNENAVALNKKLVGLQ-NH2 (SEQ ID NO:6)  
(Cys)GCN4 Ac-CGGRMKQLEDKVEELLSKNYHLENEVARLKKLVGER (SEQ ID NO:7)

Figure 2

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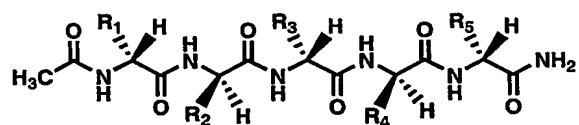
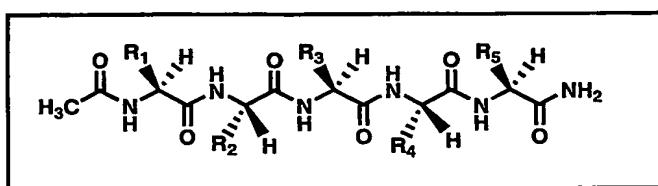
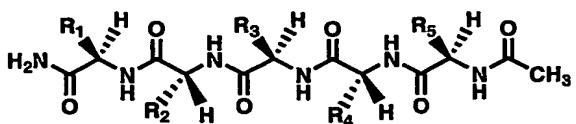
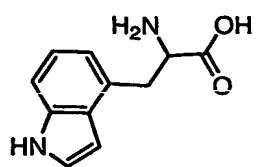
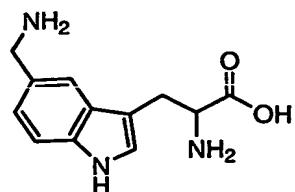
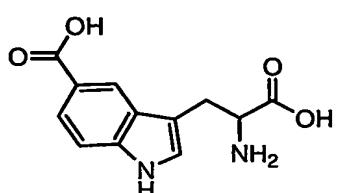
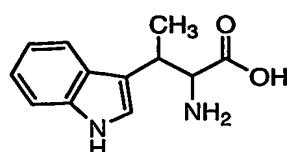


Figure 3

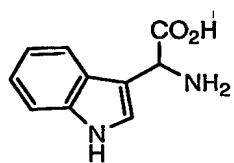
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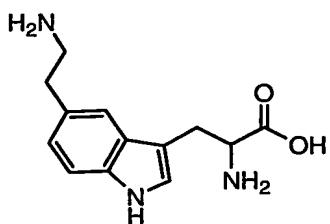
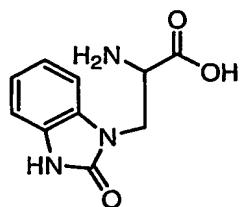
neo-Trp

Trp(5- $\text{CH}_2\text{NH}_2$ )Trp(5- $\text{CO}_2\text{H}$ )

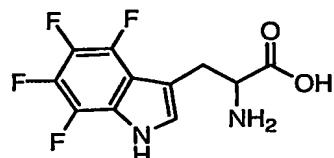
Beta-MeTrp



nor-Trp

Trp(5- $\text{CH}_2\text{CH}_2\text{NH}_2$ )

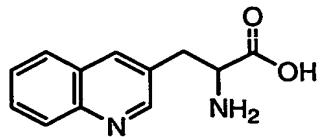
(1-Benzimidazolonyl)alanine



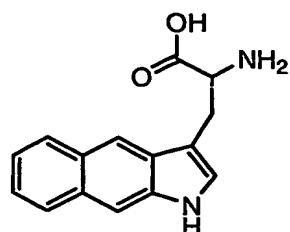
Trp(4,5,6,7-tetrafluoro)

**Figure 4A**

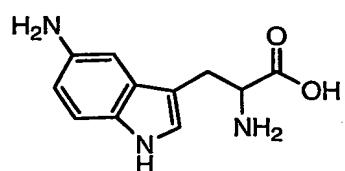
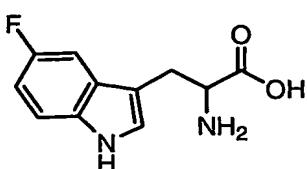
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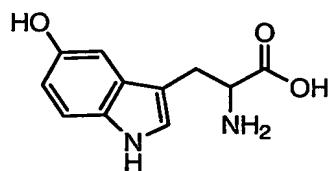
Ala((3-(3-Quinolinyl)))



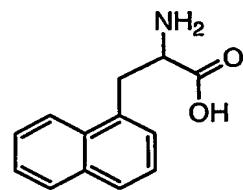
Benzo-Trp

Trp(5-NH<sub>2</sub>)

Trp(5-F)



Trp(5-OH)



1-naphthylalanine



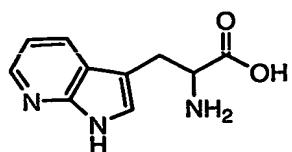
2-naphthylalanine

Figure 4B

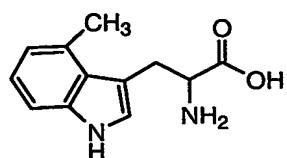
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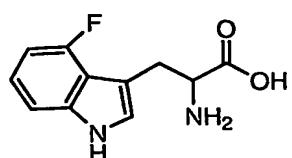
beta-(3-Benzothienyl)Ala



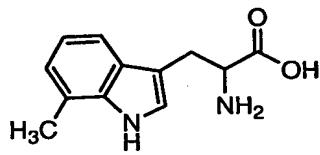
7-azaTrp



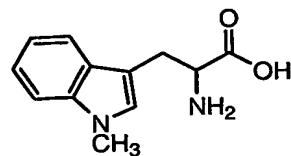
4-MeTrp



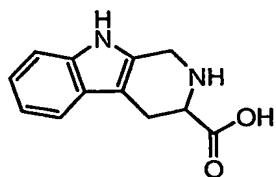
4-F-Trp



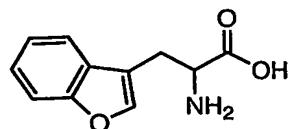
7-MeTrp



1-MeTrp



1,2,3,4-tetrahydro-9H-pyrido(3,4-b)indole-3-carboxylic acid



beta-(3-Benzofuranyl)Ala

Figure 4C